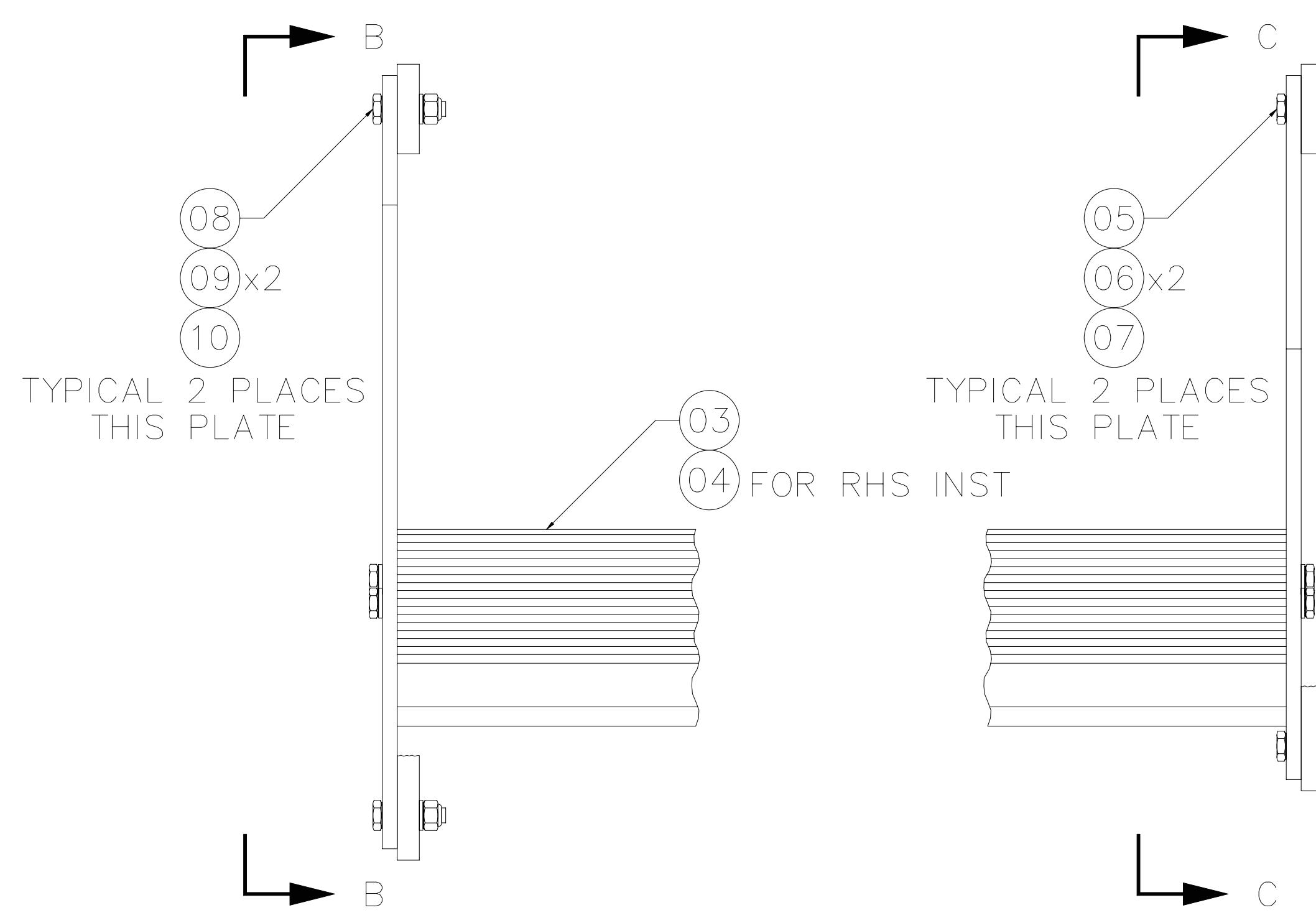


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REV. 0	DESCRIPTION OF CHANGE INITIAL ISSUE	INITIALS	DATE

TORQUE VALUE CHART (DRY) FOR ALL FASTENERS UNLESS OTHERWISE SPECIFIED	
FASTENER DIAMETER/THREAD SIZE	RECOMMENDED STANDARD TORQUE RANGE
1/4 - 28	50 TO 70 IN-LB
5/16 - 24	100 TO 140 IN-LB

NOTE: THE ABOVE VALUES APPLY TO ANY FASTENER COMBINATION UNLESS OTHERWISE SPECIFIED. TARE TORQUE MUST BE ADDED TO ALL TORQUE VALUES.

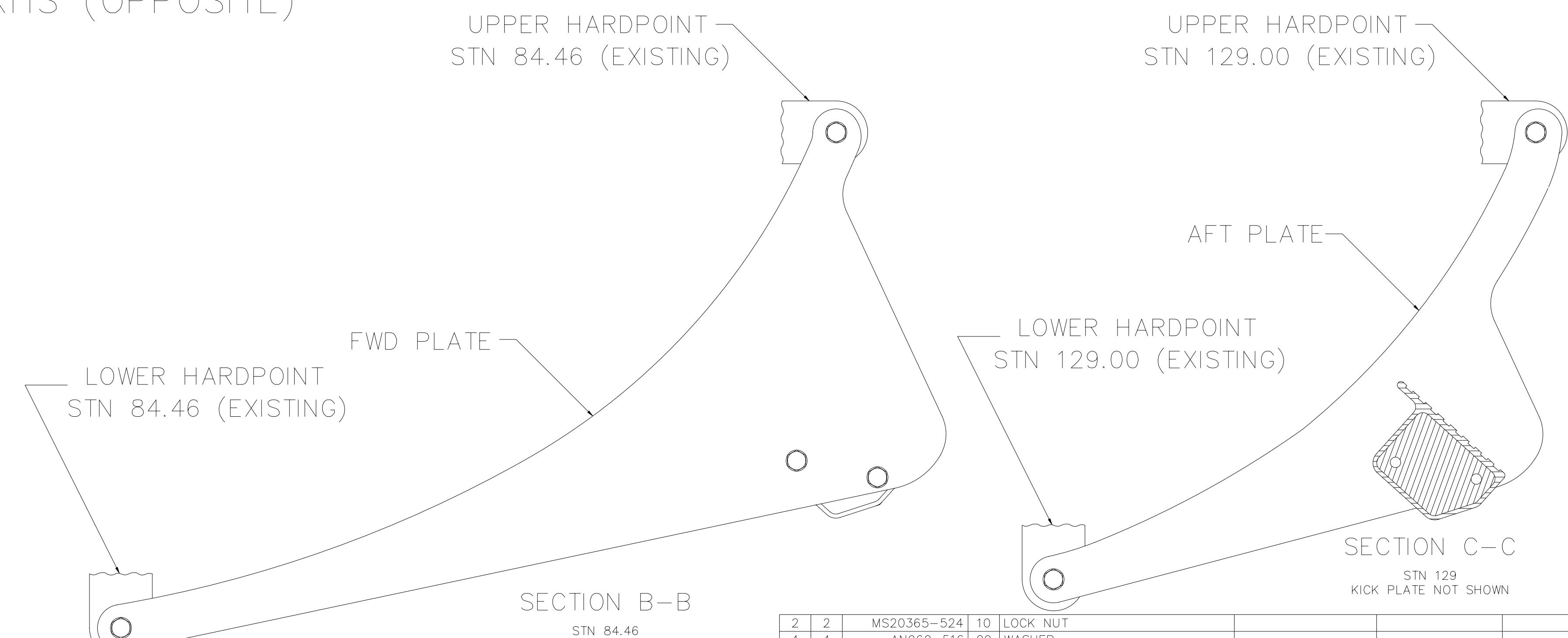
01 RAPPEL STEP INSTALLATION LHS (SHOWN)  
02 RAPPEL STEP INSTALLATION RHS (OPPOSITE)



DETAIL A  
KICK PLATE NOT SHOWN

NOTES

1. ENSURE HELICOPTER HARDPOINTS AT FUSILAGE STATION 84.46 HAS 5/16" ID BUSHINGS INSTALLED PRIOR TO INSTALLING RAPPEL STEP.  
ENSURE HELICOPTER HARDPOINTS AT FUSILAGE STATION 129.00 HAS 1/4" ID BUSHINGS INSTALLED PRIOR TO INSTALLING RAPPEL STEP.



QTY	PART NO.	ITEM	DESCRIPTION	LIST OF MATERIALS		
				MATERIAL	MATERIAL SPEC	STOCK SIZE
2	2	MS20365-524	10 LOCK NUT			
4	4	AN960-516	09 WASHER			
2	2	ANS-11A	08 BOLT			
2	2	MS20365-428	07 LOCK NUT			
4	4	AN960-416	06 WASHER			
2	2	AN4-11A	05 BOLT			
1	79820-02	04 RAPPEL STEP ASSEMBLY				
1	79820-01	03 RAPPEL STEP ASSEMBLY				
	79801-02	02 RAPPEL STEP INSTALLATION RHS				
	79801-01	01 RAPPEL STEP INSTALLATION LHS				
02	01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC
		QTY	QTY			

WEIGHT AND BALANCE					
ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL ARM (IN)	LONGITUDINAL MOMENT (LB-IN)	LATERAL ARM (IN)
01	RAPPEL STEP INST. LHS	9.5	105.22	999.58	-45.18 -429.20
02	RAPPEL STEP INST. RHS	9.5	105.22	999.58	45.18 429.20

APPROVALS		DATE
DRAWN:	R. RATHWELL	13/05/08
CHECKED:	E. BURGOIN	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		
DECIMALS      ANGLES X.XXX ±0.010      ±1/2° X.XX ±0.03 X.X ±0.1		

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	79801	0

AERO DESIGN LTD.

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BELL 212, 412, 205A-1, 205B  
RAPPEL STEP  
INSTALLATION